

ONE OF THE BEST HOUSE DESIGNS

Square-Built Two-Story Structures Deserve the Popularity They Enjoy.

NOT HARD TO KEEP HEATED

Such an Abode Also Has a Prosperous Look, Which is in Many Ways Desirable—Floor Plans of This House Have Been Carefully Laid Out.

By WILLIAM A. RADFORD.

Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to the subject of building, for the readers of this paper. On account of his wide experience as Editor, Author and Manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. 187 Prairie avenue, Chicago, Ill., and only enclose two-cent stamp for reply.

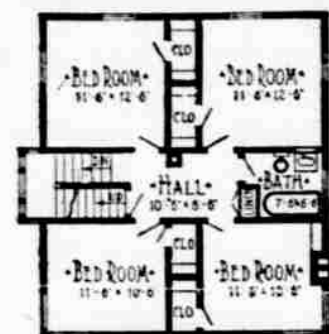
Probably the most economical house design for the northern sections of the country is a square-built two-story house with a good basement. It is a good sensible way to build and it solves the heating problem in winter with greater satisfaction than any other style of house known to the American builder.

The principle of the circulation of warm air applies splendidly in a compact two-story house. The tendency of hot air is to rise, because hot air is lighter than cold air. In applying this principle the cold air is taken in from outside through the cold air boxes and is sent through the furnace to the rooms on the first floor during the whole 24 hours. The upstairs registers usually are closed during the daytime in cold weather because the surplus heat from the first floor finds its way to the upper rooms through the stairway. The upper rooms are also warmed to a certain degree through the floors. This is written with a warm air furnace in mind. The same principle applies to a certain extent when the hot water system of heating is employed.

The house shown in this design is

For this reason the buffet sideboard is built against the back end of the dining room to avoid any unnecessary obstruction in the main part of the room. The living room and dining room are both made especially light and airy by two triple windows and three single windows. The present fashion is to have plenty of light in the living rooms, and it is a good fashion that should remain in vogue for the next thousand years. The history of house windows reads wider with each century.

An interesting feature of this house is the manner in which the stairway is built. To commence with, there is a grade entrance at the side of the house which leads down into the cellar and up into the kitchen, a combination that is used in a great many modern houses. The same economy of space and travel is employed in the stairway to the second floor and to the attic. It doubles back from a landing halfway between floors. The landing is provided for by an extension built as a



Second Floor Plan.

space saver to give plenty of length of stair run with wide treads and easy risers. The extension also contains windows to light the stairway, and as it is artistically designed it adds to the general appearance of this side of the house.

A study of the second-floor plan will show that every square foot of floor space works to advantage. There are four bedrooms and four closets all arranged on straight lines without shutting the light from any window and without any useless corners. Such a splendid arrangement of rooms is considered quite a triumph of skill on the part of an architect.

There is practically no wall space in the upper hallway; it is all taken up by the necessary doors. Even the linen closet is filched from the bath-

WESTERN MINING AND OIL NEWS

Western Newspaper Union News Service.
Metal Market Values.

Lead, New York—\$4.75.
Bar Silver—\$9.49.
Spelter, St. Louis—\$12.05.
Copper, casting—\$17.37 1/2.

Arizona.

The first car of silver ore from the Arizona mine at Huron was shipped to El Paso smelters.

The Calumet and Arizona and the Shattuck-Arizona mines in the Bisbee district are working at capacity. George Middlemarch at Bisbee declared that the Middlemarch mine is showing better than ever and that two rich strikes have recently been made.

Excellent gold ore is being developed in the Pinal mountains and foot hills, which are now the center of interest among gold miners in the Globe district.

One of the most important mining deals of the past year is the consolidation of the Cherry creek properties of Daniel E. Parks and L. N. Wombacher of Prescott, known respectively as the Golden Era or Gold Leaf and the Logan groups.

New Mexico.

A regular dividend of \$2.50 with an extra dividend of \$3 making a total of \$5.50 per share, has been declared by the Phelps Dodge company.

The Jarilla mining district near Otero Grande in Otero county is making a new and most excellent showing in the quantity and quality of the ore now being shipped from that point.

A concentration and flotation plant together with a sampling and assay office is to be built at Pinos Altos Grant county, by Oscar Long of Hurley. The ores of the Pinos Altos district are complex and carry copper, zinc, lead, silver and gold.

The Southwestern Oil Development Company has been organized at Columbus. The capital stock is \$5,000,000, and is divided into 500,000 ten dollar shares. The company has under control at present about 13,000 acres of land, most of which is in the vicinity of the wells in which oil and gas were discovered two years ago.

Wyoming.

Another gushing oil well was struck in the heart of the town of Greysville and the indications favor it being better than the one which was struck several weeks ago.

Talk of a smelter at Lovell has been renewed by the big gas well recently brought in on Neville's land in the Hyon field. This is said to be the biggest gas well in the world.

Work has been started on the erection of ten more new stills of the Casper Standard Oil Company's refining plant, which will increase the capacity to 40 stills. The original plans, it is understood, call for a capacity of 100 stills.

Colorado.

Cripple Creek reports a fresh ore body of great promise in the El Paso mine.

Boulder's tungsten excitement continues with fresh mines almost daily added to the producing list.

More mining activity is said to be taking place in the Montezuma district than for some time past.

According to a report from Idaho Springs, the new mill on the Onida property at Freeland is a success.

In the opinion of the Cripple Creek Times, there is gold in that district in abundance in properties that are now idle.

Three cars of ore have been shipped from the Ella W. strike. The first shipment brought returns of \$19.55 a ton.

From Leadville comes a report that extensive discoveries of molybdenite ore are located at Summit Pass in Summit county.

Joseph Yates was in Boulder with a shipment of high grade tungsten ore from the Black Diamond lode at Magnolia, near the Gold Farm mine.

In Ouray district the famous Camp Bird continues to be a prominent producer of bullion for the Denver mint and concentrates for the smelters.

In Silverton district L. B. Harrison and associates, who are operating the Silver Wing mine at the mouth of Burns gulch, are shipping some very high-grade lead ore which runs well in silver and gold.

From Ouray comes the statement that a large body of ore has been discovered in one of the older workings of the Wapak mine, running in excess of five per cent copper and a small amount in gold and silver, averaging something over \$15 per ton.

Recent strikes of high grade ore have called attention to the Gold Sovereign property, located on the edge of the Cresson group at Cripple Creek.

A report from Rico declares that the recently-renewed operations of the Rico Mining Company at the Shamrock mine are already being rewarded with flattering success.

In the Breckenridge district, now one of Colorado's steady gold producers, Tyler and Moessner, are carrying on consistent development on the Eureka property on Gibson hill.

A Backset.

"Gadsper is a man who prides himself on doing things."
"True. But I had to disappoint him the other day."
"How so?"
"He wanted to do me."

The KITCHEN CABINET

The causes of failure are: No positive aim in life; no special preparation; lack of appreciation of the many opportunities for self-improvement in youth; desire to be in the swim of fashion and pleasure; haste to get rich; selfishness.

PICKLING TIME.

There are so many relishes, conserves, preserves and jellies to make in the fall that one is embarrassed with ideas to try unless a plan is well thought out. An unusual preserve which is well liked is the combination of the small yellow cherry tomato and plums. The acidity of the plum with the rich flavor of the tomato is very pleasing.

White Relish.—Chop four quarts of the white inner leaves of cabbage, a quart of chopped celery, one quart of white stringless beans, cut in bits, one quart of silver-skinned onions, chopped. Sprinkle all the vegetables except the onions with salt, using a cupful, cover with cold water and let stand overnight. In the morning strain off the water, add the onions and put over the heat, add a cupful of grated horseradish, one ounce each of mustard and celery seed, three cupfuls of sugar and a piece of white ginger root. Cover with good vinegar and cook until the vegetables are tender; then put into jars.

Green Relish.—Take two quarts each of green tomatoes and green cabbage, chopped, one quart of green cucumbers, one quart of green peppers and a few white radishes, chopped. Place the vegetables in a stone jar and pour over them enough cold water to cover, adding a cupful of salt. Let stand overnight, then drain off the water. Put three quarts of vinegar in a porcelain-lined kettle and three cups of sugar and three small cubes containing one ounce each of allspice, clove, pepper, mace, mustard and celery seed. Mixed spices may be used if preferred. Cover with vinegar and cook until the vegetables are tender. Add more salt if not enough has been used. Put in jars and seal.

Chili Sauce.—Take 24 large, ripe tomatoes, six green peppers, four large onions, three tablespoonfuls of salt, a half cupful of brown sugar and a cupful of vinegar. Chop the peppers, onions and cut up the tomatoes; put all in a kettle and cook one hour. Put in bottles and dip corks in melted paraffin.

MORE GOOD GRAPE DISHES.

A most delicious dessert may be made using the large white or purple grapes. Skin and seed them and cut in halves; add to a cupful of the grapes four slices of chopped pineapple, a half cupful of almonds, a dozen marshmallows cut in quarters; a cupful of cream, whipped, and a mixed with two tablespoonfuls of a good boiled dressing to give it season. Serve as a salad or in sherbet cups as a dessert.

Grape and Almond Salad.—Remove the seeds from a quart of grapes and cut in pieces; mix with a cupful of blanched almonds, sliced in strips. Add a half cupful of mayonnaise dressing to which a half cupful of whipped cream has been added. Serve on grape leaves.

Grape Pie.—Remove the skins from the grapes, bring to a boil and press through a sieve to remove the seeds. Add the skins to the pulp and cook fifteen minutes, then add a cupful of sugar for each two cupfuls of pulp, a tablespoonful of butter and a teaspoonful of corn starch. Bake in a hot oven with two crusts.

Sliced Grapes.—Wash the grapes with a wooden spoon and to seven pounds of the fruit, weighed raw, add one cupful of vinegar after the grapes have been boiled and strained to remove the seeds and skins. With the vinegar, add three and a half pounds of sugar, two ounces of cinnamon and two ounces of cloves, tied in a cheese cloth. Boil the pulp, vinegar and spices together until like a thick marmalade, then put in glasses.

Grapes in Melon.—Cut medium sized green melons in halves; remove the seeds and chill. Fill cavity with shaved ice, sprinkle with nutmeg and sugar and cover with chilled white grapes which have been seeded. These may be served at the opening of the meal or as a finish for dessert.

There is no more wholesome fruit to serve as a breakfast fruit than grapes. They supply important elements which build up the blood.

WORTH KNOWING

Sweden is importing American wool. Stockholm has a Russian newspaper.

Dogwood trees are being planted in Tokyo parks.

The water in the Panama canal is gradually becoming salty.

The dollar sign was derived from the letters "U. S." in monogram.

It is said no one can breathe at a greater height than seven miles from the earth.

GOOD THINGS FOR THE TABLE

A delicious catchup for winter that is especially fine to serve with fish is the following:

Lemon Catchup.—Mix one tablespoonful of freshly grated horseradish with the grated rind of four lemons, add three scant teaspoonfuls of salt, the juice of the lemons, three teaspoonfuls each of white mustard, and celery seed, four cloves and a few dashes of red pepper and boil 35 minutes. This will be ready after standing five weeks.

Radish Sandwiches.—Slice thin a few radishes and let them stand in a well seasoned French dressing for fifteen minutes. Remove them and put between thin slices of buttered bread. Serve well chilled.

Nut Sauce for Ice Cream.—Boil until it thickens a pound of maple sugar and a third of a cupful of water, stir in a half cupful of minced almonds of walnut meats and serve hot over vanilla ice cream.

Pot Roast.—Chop a small piece of beef suet and brown it in a deep frying pan or kettle. Add a chopped onion and when well browned add three pounds of round beef, cut in serving sized pieces and brown on all sides. The beef should then be well salted and peppered. Remove the meat to a sauce pan and add one and a half tablespoonfuls of flour to the fat and brown; pour in a cupful of water, stirring constantly. Pour this gravy over the meat in the saucepan and cover. Cook over a slow fire for three hours, or until the meat is tender. Turn it often and add more water if needed. Serve with potatoes, carrots and peas.

Vegetarian Miniceme.—The ingredients required are three pints chopped apples, three pints of chopped green tomatoes, four cupfuls of brown sugar, one and a third cupfuls of vinegar, three cupfuls of raisins, three teaspoonfuls of cinnamon, one of cloves, three-quarters of a teaspoonful of mace, the same of allspice, two teaspoonfuls of salt, and three-quarters of a cupful of butter. Mix all the ingredients except the butter. Simmer for three hours, then add butter and seal in glass cans.

CHILI SAUCE RECIPES.

This is the time of the year to prepare sauces and relishes for winter use. The following recipes will be found most satisfactory:

Chili Sauce.—Scald and peel 24 ripe tomatoes, chop them with two red (hot) peppers and two green sweet ones and two large onions. Put into an enamel saucepan and add four cupfuls of vinegar, 1 1/2 cupfuls of brown sugar, two tablespoonfuls of salt, a teaspoonful each of whole allspice, cloves, cinnamon, ginger and nutmeg, ground. Bring to a boil and cook, stirring frequently until the onions are done. This will take an hour. Remove and can in large-mouthed bottles. Dip in paraffin to seal.

Chili Sauce.—Twelve large tomatoes, four small onions, three red peppers, two tablespoonfuls of salt, two teaspoonfuls of ginger, 1 1/2 cupfuls of vinegar and a third of a cupful of sugar. Boil two hours. Chop the vegetables before cooking.

Chili Sauce.—Twelve medium-sized tomatoes, one pepper finely chopped, one onion, two finely chopped, two cupfuls of vinegar, three tablespoonfuls of sugar, one tablespoonful of salt, two teaspoonfuls of cloves, two of cinnamon, two of allspice and two of grated nutmeg. Peel the tomatoes and slice. Put into a preserving kettle with the remaining ingredients. Heat gradually to the boiling point and cook slowly 2 1/2 hours.

Sweet Mixed Pickle.—Cook all the vegetables separately and keep them as whole as possible. Take two dozen small cucumbers, one quart of white onions, one quart of green tomatoes, cut in cubes; one quart of tender wax beans, one quart of shelled lima beans, not ripe enough to be hard; one quart of carrots cut in strips; two bunches of celery and two heads of cauliflower. Cover the vegetables overnight with a weak brine, then drain in the morning after cooking them in the water. Boil a gallon of vinegar, add two pounds of sugar, a bag of mixed spices, four teaspoonfuls of celery salt. Pour over the vegetables after arranging them in the jars.

Nellie Maxwell

COULD DO NOTHING MORE

Captain's Responsibility for the Safety of His Passengers Had Been Automatically Ended.

The dangers of travel by sea at this time have played havoc with the nerves of timid passengers.

Early one morning recently there was considerable commotion on the decks of a coastwise vessel plying between Savannah and Baltimore, when a scantily clad man hurried from his stateroom and dashed toward the upper deck. On the way he ran into the captain of the vessel.

"What's the matter, captain?" he managed to gasp. "Have we been torpedoed?"

"Calm yourself, my dear sir, and be prepared for the worst," answered the official.

"Oh, don't tell me we're going down!" moaned the other. "Quick, where are the life preservers?"

"They wouldn't be of any service at this stage," explained the captain.

"Too late!" quavered the despairing passenger.

"Yes," said the captain, very solemnly. "We've done all we can for you. You'll have to look out for yourself from now on. You see, we've just tied up to the dock."

"SO SHINES A GOOD DEED"

Thoughtful Act of Busy Man Led Another to Emulate His Work of Kindness.

He was a brisk, well-groomed young man, who looked as if he were hurrying to keep a date with Fortune. He had crossed the green grass and goldenrod place by the big hotel near Union station, and had jumped the tiny ditch that is going to be a gutter some day, when he noticed an old whitey gray horse standing by what will be the curb.

The dejected patience of the poor creature must have appealed to the young man, for he sprang back to the green grass, pulled a bunch of it and slipped it into whitey gray's mouth.

Old Mr. Horse munched his treat with a sudden interest in life that expressed itself in the flicker of its polished ears and the general bracing up that means courage.

And a man who had come out of the big hotel in time to catch the incident also went over to the green grass pulled a bunch and slipped it into whitey gray's mouth.

Such is the force of example.—Exchange.

THICK LOVELY HAIR

Because Free From Dandruff, Itching, Irritation and Dryness.

May be brought about by shampoos with Cuticura Soap preceded by touches of Cuticura Ointment to spots of dandruff, itching and irritation. A clean, healthy scalp means good hair. Try these super-emollient emollients if you have any hair or scalp trouble. Sample each free by mail with Book. Address postcard, Cuticura, Dept. XY, Boston. Sold everywhere.—Adv.

No "Smoke of Battle" Now.

One of the marked features of the European conflict that distinguishes it from the wars of the past is the absence of smoke on the firing line. Owing to the use of smokeless powder, no smoke is made when a rifle is discharged, while the heaviest artillery throws off nothing more than a thin mist that is invisible a hundred yards away and disappears within a few seconds after the gun is fired. Only when shrapnel or a shell explodes in the enemy's line is there anything visible in the way of smoke, the whole purpose being to conceal the position of the guns throwing the projectiles while making the points where the projectiles explode clearly visible. The expression, "the smoke of battle," so faithfully descriptive of the wars of the past, has little meaning when applied to a modern war.—Popular Mechanics Magazine.

Reassuring.

Nervous Old Lady (on small English railway)—Oh, dear! how we're rocking! I'm sure an accident will happen to this train!

Elderly Aboriginal—It's along o' their bein' short-handed w' skilled men, mum, so my son 'e offered to drive her just to oblige, and (confidentially) I don't think 'e knows much about it.—Passing Show.

Be happy. Use Red Cross Bag Blue; much better than liquid blue. Delights the laundress. All grocers. Adv.

The Kind.

"He was a regular furnace of wrath."

"Yes—a hot-air furnace."

MRS. THOMSON TELLS WOMEN

How She Was Helped During Change of Life by Lydia E. Pinkham's Vegetable Compound.

Philadelphia, Pa.—"I am just 52 years of age and during Change of Life I suffered for six years terribly. I tried several doctors but none seemed to give me any relief. Every month the pains were intense in both sides, and made me so weak that I had to go to bed. At last a friend recommended Lydia E. Pinkham's Vegetable Compound to me and I tried it at once and found much relief. After that I had no pains at all and could do my housework and shopping the same as always. For years I have praised Lydia E. Pinkham's Vegetable Compound for what it has done for me, and shall always recommend it as a woman's friend. You are at liberty to use my letter in any way."—Mrs. Thomson, 649 W. Russell St., Philadelphia, Pa.

Change of Life is one of the most critical periods of a woman's existence. Women everywhere should remember that there is no other remedy known to carry women so successfully through this trying period as Lydia E. Pinkham's Vegetable Compound.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

Women as well as men are made miserable by kidney and bladder trouble. Thousands recommend Dr. Kilmerrin's Swamp Root, the great kidney remedy. At drug stores in fifty-cent and dollar sizes. You may receive a sample size bottle by farcel post, also pamphlet telling about it. Address Dr. Kilmerrin & Co., Birmingham, N. Y., and enclose ten cents, also mention this paper.

Hope Gleaners May Return. For many years a picturesque scene has vanished from the countryside, but which on account of the high price of corn I trust may be revived this year. I allude to the gleaners, who gladly avail themselves of the privilege of gathering in the aftermath of the reapers' toil.—London Globe.

Easily Satisfied. "What do you think of the new state constitution?" "I haven't read it, but I'm for it, provided there's nothing in it to prevent me from going out to play golf on election day."

Why send your money away for "burgundy roofing" when you can get the best roofing material at a reasonable price of your own local dealer or whom you know.

Certain-teed Roofing

Is guaranteed in writing, 5 years for 10¢, and 10 years for 20¢, and 15 years for 30¢, and the responsibility of our big mill stands behind this guarantee. We guarantee the highest and the price the most reasonable.

General Roofing Mfg. Company
World's largest manufacturer of Roofing and Building Paper.

New York City Boston Chicago Pittsburgh
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BROOM CORN

HAVE YOU ANY? WRITE US.

Coyne Brothers
115 W. SOUTH WATER ST., CHICAGO

THIS OPEN TOP, REMOVABLE BOTTOM METAL WASHING MACHINE was exhibited at the Denver Exposition, care of the Ohio State Federation of Women's Clubs. Industrial exhibit, SO EXHIBIT—50 BEST—35 LEADS. Write for price. The Metal Washer Co., Muncie, Indiana.

PATENTS Watson E. Coleman, Patent Lawyer, Washington, D. C. Adviser and looks for, claims reasonable. Highest references. Best service.

W. N. U., DENVER, NO. 44-1915.

Cut the Cost of Living!

A plate of hot biscuits or muffins, a fresh, home-baked cake, a loaf of brown or nut-bread, rescues any meal from the commonplace, and more expensive things are never missed.

With K C, the double acting baking powder, good results are doubly certain. There's economy too, in the cost of K C.

K C 25

Jerusalem in 1913 and 1914 exported more than \$110,000 worth of goods to the United States.

Allah, the name of the Mohammedan deity, means "the one worthy to be adored."

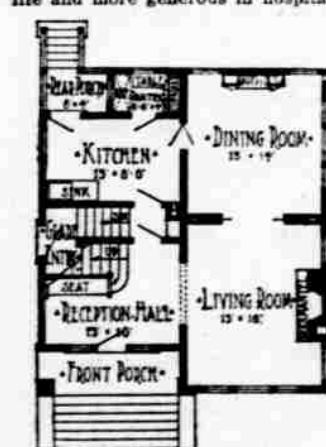
The odor of cloves has been known to destroy microbes in 35 minutes; cinnamon will kill some species in 12 minutes; thyme in 35 minutes. In 45 minutes common wild verbena is found effective, while the odor of some geranium flowers has destroyed various forms of microbes in 50 minutes.



set well up on a concrete wall in a way to make a splendid basement that is light and airy because of the large basement windows.

The front porch and front entrance show moderately massive construction which taken together with the general clean-cut appearance gives the house rather a prosperous look as seen from the street.

The tendency the last few years has been to make wider front walks and wider steps, as though house owners were growing broader in their views of life and more generous in hospitality.



First Floor Plan.

The front steps here shown are ten feet wide in the clear between the ramps, and the front door is built in proportion. The door is four feet six in width and is flanked on both sides with the old-fashioned front door side-lights. Such front entrance doors used to be plentiful, but they went out of fashion 20 years or 30 years ago. They are now coming back into use because of real merit.

The floor plans of this house are just as interesting as the perspective. There are three living rooms and a reception hall on the first floor and there are four good square bedrooms and a bathroom on the second floor. The living room and dining room are connected by an archway wide enough so that the two rooms may be made into one by opening both doors clear back.